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P57025**IN THE CLAIMS**

Pursuant to 37 CFR §121(c), the claim listing, including the text of the claims, will serve to replace all prior versions of the claims, in the application.

Please cancel claims 1 thru 33 without prejudice or disclaimer, and add claims 34 thru 48 as follows:

Claims 1-33. (Cancelled)

1           34. (New) A system for operating wired and wireless phone services  
2 interconnectively, the system comprising:

3           a wired exchange connected to a public switched telephone network (PSTN), for  
4 providing a wired phone service;

5           a mobile gateway connected to the wired exchange for assigning virtual wired  
6 phone numbers to a plurality of mobile communication terminals, for providing a public  
7 wired phone service to the mobile communication terminals by linking the virtual wired  
8 phone numbers with mobile identifier numbers (MINs) of the mobile communication  
9 terminals, and for distributing a call to a wired terminal and then to a wireless terminal  
10 when it is determined that a phone number received from the wired exchange is a  
11 simultaneously called phone number; and

12           a private base station controller (pBSC) connected to the mobile gateway and a  
13 public land mobile network (PLMN) for providing a mobile communication service to the  
14 mobile communication terminals through a private base station transceiver system  
15 (pBTS).

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1           35. (New) The system according to claim 34, wherein the mobile gateway calls a  
2 mobile communication terminal corresponding to the virtual wired phone number when  
3 receiving an incoming call containing the virtual wired phone number through the wired  
4 exchange.

1           36. (New) The system according to claim 34, wherein the mobile gateway  
2 comprises a database for storing, for each arbitrary wired phone number, information  
3 indicating whether or not each of the wired phone numbers is a virtual phone number and  
4 information about whether or not a multiple terminating service is registered.

1           37. (New) The system according to claim 36, wherein the mobile gateway  
2 simultaneously calls a wired terminal corresponding to the wired phone number and the  
3 mobile communication terminal when the wired phone number is registered with the  
4 multiple terminating service and is called.

1           38. (New) The system according to claim 34, wherein the pBSC comprises a  
2 database for storing the virtual wired phone number assigned to each of the mobile  
3 communication terminals and the MIN of the mobile communication terminal  
4 corresponding to the virtual wired phone number.

1           39. (New) The system according to claim 34, wherein the mobile gateway assigns  
2 an extension subscriber line card (SLC) of a wired phone connected to a trunk thereof  
3 with the SLC thereof, and connects the assigned extension SLC to a plurality of wired  
4 terminals.

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1           40. (New) The system according to claim 34, wherein, when receiving a request  
2           for an outgoing service from an internal mobile communication terminal, the mobile  
3           gateway changes caller identification (CID) to the virtual wired phone number assigned  
4           to the internal mobile communication terminal, and calls a called terminal via the PSTN.

1           41. (New) A method for operating wired and wireless phone services  
2           interconnectively, the method comprising the steps of:

3           assigning, by a mobile gateway, virtual wired phone numbers to a plurality of  
4           mobile communication terminals;

5           providing, by the mobile gateway, a public wired phone service to the mobile  
6           communication terminals by linking the virtual wired phone numbers with mobile  
7           identifier numbers (MINs) of the mobile communication terminals;

8           determining whether a called phone number received by a wired exchange is a  
9           wired subscriber phone number when a subscriber terminal calls a wired phone number;

10          analyzing, by the mobile gateway, the phone number received from the wired  
11          exchange to determine whether the phone number is a simultaneously called phone  
12          number; and

13          distributing, by the mobile gateway, the call to a wired terminal and then to a  
14          wireless terminal when it is determined that the phone number is the simultaneously  
15          called phone number.

1           42. (New) The method according to claim 41, wherein in the step of providing the  
2           public wired phone service, when a called number containing an incoming call received  
3           through a wired exchange is a virtual wired phone number, the mobile gateway transmits  
4           the incoming call to the mobile communication terminal corresponding to the virtual  
5           wired phone number.

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1           43. (New) The method according to claim 41, further comprising the step of  
2     providing the mobile gateway with a database for storing, for each arbitrary wired phone  
3     number, information indicating whether or not each of the wired phone numbers is a  
4     virtual phone number and information about whether or not a multiple terminating  
5     service is registered.

1           44. (New) The method according to claim 43, further comprising the step of  
2     simultaneously calling, by the mobile gateway, a wired terminal corresponding to the  
3     wired phone number and the mobile communication terminal when the wired phone  
4     number registered with the multiple terminating service is called.

1           45. (New) The method according to claim 44, further comprising the step of  
2     rerouting, by the mobile gateway, an incoming call to one of a public switched telephone  
3     network (PSTN) and a public land mobile network (PLMN) when the called wired  
4     terminal and the mobile communication terminal make no response.

1           46. (New) The method according to claim 41, further comprising the step of, when  
2     the mobile gateway receives a request for an outgoing service from an internal mobile  
3     communication terminal, changing, by the mobile gateway, a caller identification (CID)  
4     to the virtual wired phone number assigned to the internal mobile communication  
5     terminal, and calling a called terminal via the public switched telephone network (PSTN).

1           47. (New) The method according to claim 46, further comprising the step of  
2     performing, by billing equipment existing at a central office of the PSTN, billing of  
3     communication between the internal mobile communication terminal and a called

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4 external terminal.

1 48. (New) The method according to claim 46, further comprising the step of  
2 performing, by the mobile gateway, billing of communication between the internal  
3 mobile communication terminal and a called extension subscriber terminal.